**Sea Dogs Science**

 **Sound Proof Box Rubric**

**Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Class: \_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **STANDARDS Score up to:**  u **CRITERIA – Use rubric as a guide. Self score in each area (below), one score for each row** | 20Exceptional(16-20 pts) | 15Great(11-15) | 8Pretty good(4-8) | 3Poor Effort(1-3) | 0Incomplete |
| **Experimental Design:*** **Addresses the PROBLEM QUESTION “Is it possible to prevent sound from within a shoebox from being heard at 5 feet away”**
 |  |  |  |  |  |
| **Evidence of Success: (Points Tripled- to 60...)*** Used a shoebox or similar cardboard/paperboard container
* Research (Pre-observation notes on what you learned about how sound travels, what muffles sound)
* Materials list—attached to packet
* Summary of your findings (Explained what adjustments you made to your original design to improve the soundproofing)—Attached to SILENCING SOUND assignment sheet.
 | Multiply Points:x 3\_\_\_\_\_\_\_\_------------- | Multiply Points:x 3\_\_\_\_\_\_\_------------ | Multiply Points:x 3\_\_\_\_\_\_\_\_------------- | Multiply Points:x 3\_\_\_\_\_\_\_------------- | Multiply Points:x 3\_\_\_\_\_\_\_------------- |
| **Work Habits:*** Participation – in presentation and as sound judge (good sportsmanship)
* Neatness
* Positive Attitude
* Completed on time (Due: )
 |  |  |  |  |  |
| * **Total Score:**
 |  |  |  |  |  |

**Comments: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Scoring Key:**

**4 90**-100 (A)

**3** 80-89 (B)

**2** 70-79 (C)

**1** Fewer than 70 (D/F)

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Final Score**

 **\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

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